AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1   1. (currently amended)   A method for managing files, the method comprising:

2   ~~mapping~~ recording information about a file system to a comparison file, the information

3   identifying at least a first item in the file system located at a first location, the first

4   location being identifiable by a first location information;

5   making a working version of a portion of the file system, the working version including at

6   least a first working item that corresponds to the first item, the first working item

7   initially being located at a second location identifiable by the first location

8   information; ~~and~~

9   persistently maintaining the working version; and

10   using information in the comparison file and about the working version to subsequently

11   determine if the first working item is located at a third location identifiable by a

12   second location information, the second location information being different than the

13   first location information.

1   2. (original)   The method of claim 1, wherein if the first working item is located at the third

2   location, the method includes causing the first item in the file system to move to a fourth

3   location identifiable by the second location information.

1   3. (original) The method of claim 1, using information in the comparison file and about the

2   working version to subsequently determine if the first working item is located at a third

3   location identifiable by a second location information includes determining if the first

4   working item has a new name.

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1   4. (original)   The method of claim 3, wherein making a working version of a portion of the

2   file system includes recording a creation time of the first working item in the comparison file.

1   5. (original)   The method of claim 3, wherein using information in the comparison file and

2   about the working version to subsequently determine if the first working item is located at a

3   third location identifiable by a second location information includes locating the first

4   working item in the working version using the creation time.

1   6. (currently amended)   The method of claim 1, further including signaling the file

2   system to delete the first item if the first working item is omitted has been deleted from the

3   working version.

1   7. (currently amended)   The method of claim [[6]] 4, further including using the

2   creation time of the first working item to determine that the first working item has been

3   deleted from the working version and signaling the file system to delete the first item.

1   8. (original)   The method of claim 4, wherein making a working version of a portion of the

2   file system includes recording a modification time of the first working item in the

3   comparison file.

1   9. (original)   The method of claim 1, further comprising determining if the first working

2   item was edited subsequent to making the working version.

1   10. (original)   The method of claim 8, further comprising determining if the first working

2   item was edited subsequent to making the working version using the modification time of the

3   first working item.

1   11. (original) The method of claim 10, further comprising determining if a subsequent

2   modification time of the first working item is different than the recorded modification time

3   `for the first working item.

1   12. (currently amended)   A method for managing files, the method comprising:

2   ~~mapping~~ recording information about a file system to a comparison file;

3   making a working version of a portion of the file system; ~~and~~

4   persistently maintaining the working version; and

5   using information in the comparison file and about the working version to subsequently

6   determine if a first working item in the working version was once copied from a

7   second working item in the working version.

1   13. (original) The method of claim 12, further comprising causing the portion of the file

2   system to include the first working item after determining the first working item was once

3   copied from the second working item.

1   14. (original) The method of claim 12, wherein the second working item originates from a

2   first item in the portion of the file system.

1   15. (original) The method of claim 13, wherein the second working item is created as new

2   after the working version is made.

1   16. (original) The method of claim 13, wherein a content of the first working item is

2   different than a content of the second working item.

1   17. (original) The method of claim 14, wherein making a working version includes

2   recording both a creation time and a modification time in the comparison file for the second

3   working item.

1 18. (original) The method of claim 17, wherein using information in the comparison file and

2 about the working version to subsequently determine if a first working item in the working

3 version was once copied from a second working item in the working version includes

4 identifying a creation time and a modification time for the first working item.

1 19. (original) The method of claim 18, wherein using information in the comparison file and

2 about the working version to subsequently determine if a first working item in the working

3 version was once copied from a second working item in the working version includes

4 detecting that the modification time of the first working item is before the creation time of

5 the first working item.

1 20. (original) The method of claim 19, wherein using information in the comparison file and

2 about the working version to subsequently determine if a first working item in the working

3 version was once copied from a second working item in the working version includes

4 matching the modification time of the first working item with the modification time of the

5 second working item.

1 21. (original) The method of claim 12, further comprising determining if the first working

2 item was edited after being copied from the second working item.

1 22. (currently amended)   The method of claim [[12]] 18, further comprising determining

2 that the first working item is new if the creation time of the first working item is different

3 than a creation time of all of the items identified by the comparison file, and if the

4 modification time for the first working item is greater than or equal to creation time for the

5 first working item.

1 23. (original) The method of claim 22, further comprising causing the portion of the file

2 system to include the first working item after determining the first working item is new.

1 24. (original) The method of claim 12, wherein using information in the comparison file and

2 about the working version to subsequently determine if a first working item in the working

3 version was once copied from a second working item in the working version includes

4 comparing a content of the first working item to a content of the second working item.

1 25. (currently amended)   A method for managing files, the method comprising:

2 mapping recording information about a file system to a comparison file, the information

3   identifying at least a first item in the file system located at a first location, the first

4   location being identifiable by a first location information;

5 making a working version of a portion of the file system, the working version including at

6   least a first working item originating from the first item, the first working item

7   initially being located at a second location, the second location being identifiable by

8   the first location information; and

9 persistently maintaining the working version; and

10 using information in the comparison file and about the working version to detect if at least

11   one of two operations were performed on the working version, the operations

12   including changing the first location information for the first working item, and

13   editing a content of the first working item.

1 26. (original) The method of claim 25, wherein making a working version of a portion of

2 the file system includes recording an initial modification time for the first working item in

3 the comparison file, the initial modification time recording a last instance when the first

4 working item was either edited or created.

1 27. (original) The method of claim 26, wherein detecting the operation of editing the

2 content of the first working item includes subsequently determining if the initial modification

3 time was changed.

1   28. (original)   The method of claim 27, further comprising causing the first item of the file

2   system to include the edited content of the first working item.

1   29. (original)   The method of claim 25, wherein making a working version of the file system

2   includes recording a creation time for the first working item.

1   30. (original)   The method of claim 29, wherein using information in the comparison file and

2   about the working version to detect if at least one of two operations were performed on the

3   working version includes locating the first working item in the working version using the

4   creation time.

1   31. (currently amended)   A method for managing files, the method comprising:

2   mapping recording information about a file system to a comparison file, the information

3   identifying at least a first item in the file system located at a first location, the first

4   location being identifiable by a first location information;

5   making a working version of a portion of the file system, the working version including at

6   least a first working item originating from the first item, the first working item

7   initially being located at a second location, the second location being identifiable by

8   the first location information; and

9   persistently maintaining the working version; and

10   using information in the comparison file and about the working version to determine if a

11   compound operation was performed on the first working item, the compound

12   operation including at least two successive operations from a set of operations that

13   consist of changing the first location information for the first working item, making a

14   first working copy from the first working item, and editing a content of the first

15   working item.

1   32. (original) The method of claim 31, further comprising causing the portion of the file

2   system to incorporate changes made by operations performed on the working version so that

3   the first item matches the first working item.

1   33. (original) The method of claim 31, wherein for one of the at least two compound

2   operations being making a first working copy from the first working item, the method further

3   includes determining if a selected working item in the working version was once copied from

4   the first working item.

1   34-75 (cancelled)

1   76. (currently amended)   A computer readable medium carrying instructions for

2   managing files, the instructions including instructions for performing the steps of:

3   ~~mapping~~ recording information about a file system to a comparison file, the information

4   identifying at least a first item in the file system located at a first location, the first

5   location being identified by a first location information;

6   making a working version of a portion of the file system, the working version including at

7   least a first working item originating from the first item, the first working item

8   initially being located at a second location by the first location information; ~~and~~

9   persistently maintaining the working version; and

10 using information in the comparison file and about the working version to determine if the

11   first working item is located at a third location identified by a second location

12   information, the second location information being different than the first location

13   information.

1   77. (original) The computer readable medium of claim 76, wherein if the first working item

2   is located at the third location, the instructions of computer readable medium includes

3   instructions for causing the first item in the file system to move to a fourth location identified

4   by the second location information.

1   78. (original) The computer readable medium of claim 76, wherein the step of using

2   information in the comparison file and about the working version to determine if the first

3   working item is subsequently located at a third location identifiable by a second location

4   information includes instructions for determining if the first working item has a new name.

1   79. (original) The computer readable medium of claim 78, wherein the step of making a

2   working version of a portion of the file system includes instructions for recording a creation

3   time of the first working item in the comparison file.

1   80. (original) The computer readable medium of claim 78, wherein the step of using

2   information in the comparison file and about the working version to determine if the first

3   working item is subsequently located at a third location identifiable by a second location

4   information includes instructions for locating the first working item in the working version

5   using the creation time.

1   81. (currently amended)   The computer readable medium of claim 76, further including

2   instructions for signaling the file system to delete the first item if the first working item is

3   ~~omitted~~ has been deleted from the working version.

1   82. (currently amended)   The computer readable medium of claim ~~81~~ 79, further

2   including instructions for using the creation time of the first working item to determine that

3   the first working item has been deleted from the working version and signaling the file

4   system to delete the first item.

1   83. (original)   The computer readable medium of claim 79, wherein the step of making a

2   working version of the file system includes instructions for recording a modification time of

3   the first working item in the comparison file.

1   84. (original)   The computer readable medium of claim 76, further comprising instructions

2   for determining if the first working item was edited subsequent to making the working

3   version.

1   85. (original)   The computer readable medium of claim 83, further comprising instructions

2   for determining if the first working item was edited subsequent to making the working

3   version using the modification time of the first working item.

1   86. (original)   The computer readable medium of claim 85, wherein the step of using the

2   modification time of the first working item includes instructions for determining if a

3   subsequent modification time of the first working item is different than the recorded

4   modification time for the first working item.

1   87. (currently amended)   A computer readable medium carrying instructions for

2   managing files on different computers, the instructions including instructions for performing

3   the steps of:

4   ~~mapping~~ recording information about a file system to a comparison file;

5   making a working version of a portion of the file system;

6   persistently maintaining the working version; and

7   using information in the comparison file and about the working version to subsequently

8   determine if a first working item in the working version was once copied from a

9   second working item in the working version.

1   88. (original)   The computer readable medium of claim 87, further comprising instructions

2   for causing the file system to include the first working item after determining the first

3   working item was once copied from the second working item.

1   89. (original)   The computer readable medium of claim 87, wherein the second working item

2   originates from a first item in the file system.

1   90. (original)   The computer readable medium of claim 88, wherein a content of the first

2   working item is different than a content of the second working item.

1   91. (original)   The computer readable medium of claim 89, wherein the step of making a

2   working version includes instructions for recording both a creation time and a modification

3   time in the comparison file for the second working item.

1   92. (original)   The computer readable medium of claim 91, wherein the step of using

2   information in the comparison file and about the working version to subsequently determine

3   if a first working item in the working version was once copied from a second working item in

4   the working version includes instructions for identifying a creation time and a modification

5   time for the first working item.

1   93. (original)   The computer readable medium of claim 92, wherein the step of using

2   information in the comparison file and about the working version to subsequently determine

3   if a first working item in the working version was once copied from a second working item in

4   the working version includes instructions for detecting that the modification time of the first

5   working item is before the creation time of the first working item.

1   94. (original)   The computer readable medium of claim 93, wherein the step of using

2   information in the comparison file and about the working version to subsequently determine

3   if a first working item in the working version was once copied from a second working item in

4   the working version includes instructions for matching the modification time of the first

5   working item with the modification time of the second working item.

1   95. (currently amended)   The computer readable medium of claim 89 87, further

2   comprising instructions for performing the steps of determining if the first working item was

3   edited after being copied from the second working item.

1   96. (currently amended)   The computer readable medium of claim 87 92, further

2   comprising instructions for performing the steps of determining that the first working item is

3   a new file if the creation time of the first working item is different than a creation time of all

4   of the items identified by the comparison file, and if the modification time for the first

5   working item is greater than or equal to the creation time for the first working item.

1   97. (original) The computer readable medium of claim 96, further comprising instructions

2   for performing the step of causing the file system to include the first working item after

3   determining the first working item is new.

1   98. (currently amended)   The computer readable medium of claim 82 87, wherein the

2   step of using information in the comparison file and about the working version to

3   subsequently determine if a first working item in the working version was once copied from

4   a second working item in the working version includes instructions for comparing a content

5   of the first working item to a content of the second working item

1   99. (currently amended)   A computer readable medium for managing files, the computer

2   readable medium carrying instructions including instructions for performing the steps of:

3   ~~mapping~~ recording information about a file system to a comparison file, the information

4   identifying at least a first item in the file system located at a first location, the first

5   location being identified by a first location information;

6   making a working version of a portion of the file system, the working version including at

7   least a first working item originating from the first item, the first working item

8   initially being located at a second location , the second location being identified by

9   the first location information; ~~and~~

10   persistently maintaining the working version; and

11   using information in the comparison file and about the working version to detect if at least

12   one of two operations were performed on the working version, the operations

13   including changing the first location information for the first working item, and

14   editing a content of the first working item.

1   100. (currently amended)   The computer readable medium of claim 99, wherein the step

2   of making a working version of a portion of the file system includes instructions for

3   recording an initial modification time for the first working item in the comparison file, the

4   initial modification time recording a last instance when the first working item was either

5   edited or created.

1   101. (original) The computer readable medium of claim 100, wherein the step of using

2   information in the comparison file and about the working version to detect if at least one of

3   two operations were performed on the working version includes instructions for

4   subsequently determining if the initial modification time was changed.

1   102. (original) The computer readable medium of claim 101, further comprising instructions

2   for performing the step of causing the file system to include the edited content of the first

3   working item.

1   103. (original) The computer readable medium of claim 99, wherein the step of making

2   persistently maintaining a working version of a portion of the file system includes

3   instructions for recording a creation time for the first working item.

1   104. (original) The computer readable medium of claim 103, wherein the step of using

2   information in the comparison file and about the working version to detect if at least one of

3   two operations were performed on the working version includes instructions for locating the

4   first working item in the working version using the creation time.

1   105. (currently amended)   A computer readable medium carrying instructions for

2   managing files, the instructions including instructions for performing the steps of:

3   ~~mapping~~ recording information about a file system to a comparison file, the information

4   identifying at least a first item in the file system located at a first location, the first

5   location being identified by a first location information;

6   making a working version of a portion the file system, the working version including at least

7   a first working item originating from the first item, the first working item initially

8   being located at a second location, the second location being identified by the first

9   location information; ~~and~~

10   persistently maintaining the working version; and

11   using information in the comparison file and about the working version to determine if a

12   compound operation was performed on the first working item, the compound

13   operation including at least two successive operations from a set of operations that

14   consist of changing the first location information for the first working item, making a

15   first working copy from the first working item, and editing a content of the first

16   working item.

1   106. (original) The computer readable medium of claim 105, further comprising instructions

2   for indicating which of the operations were performed on the first working item to change

3   the first item in the file system if the compound operation is determined to have been

4   performed.

1   107. (original) The computer readable medium of claim 105, wherein for one of the at least

2   two compound operations being making a first working copy from the first working item,

3   the computer readable medium further includes instructions for determining if a selected

4   working item in the working version was once copied from the first working item.